PATENT COOPERATION TREATY

To: GEOFFREY L. MELNICK G.E. EHRLICH (1995) LTD. 11 MENACHEM BEGIN STREET RAMAT GAN, ISRAEL 52 521		PCT				
			WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY			
				(PCT Rule 43bis.1)		
			Date of mailing (day/month/year) 3 0 NOV 2006			
Applicant's or agent's file reference			FOR FURTHER ACTION			
30067	····			See paragraph 2 below		
International application No		nternational filing date		Priority date (day/month/year)		
PCT/IL05/00589 International Patent Classification (IPC) o		05 June 2005 (05.06.2005) 02		02 August 2004 (02.08.2004)		
		oui national classificat	ion and IPC			
IPC: A61K 38/00(200: USPC: 514/12	5.01)	: .				
Applicant						
RAMOT AT TEL AVIV UI	VIVERSITY LT	D				
1. This opinion contains in	rdications relatio	g to the following item	s:			
Box No. I	Basis of the op	inion				
Box No. II Priority						
The state of the s						
Box No. IV	. IV Lack of unity of invention					
Box No. V	Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement					
Box No. VI	Certain documents cited					
Box No. VII	Box No. VII Certain defects in the international appli					
Box No. VIII	Certain observations on the international application					
2. FURTHER ACTION			••			
If a demand for internal International Preliminar	tional preliminary y Examining A s one to be the l	IPRA and the chosen I	PEA has notified to	be considered to be a written opinion of the s not apply where the applicant chooses an he International Bureau under Rule 66.1bis(b) lered.		
	before the expi	ration of 22 months fro		PEA, the applicant is invited to submit to the operation of 3 months from the date of mailing whichever expires later.		
3. For further details, see no						
ame and mailing address of	the ISA/US	Date of complete	on of this opinion	Authorized officer		
Mail Stop PCT, Attn: ISA/US Commissioner for Patents			•	100		
P.O. Box 1450		19 September 20	. (19.09,2006)	Marcela M. Cordero Garcia		
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WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/IL05/00589

Box No. V Reasoned statement un applicability; citations	der Rule 43 <i>bis</i> .1(a)(i) and explanations supp) with regard to novelty, inventorting such statement	tive step or industrial
1. Statement			
Novelty (N)	Claims	2.4-64	YES
	Claims	1.3	NO
Inventive step (IS)	Claims	NONE	YES
	Claims	1-64	NO
Industrial applicability (IA) Claims	1-64	YES
	Claims		NO
Therefore the reference anticipates the ins Claims 2, 4-8 lack an inventive step under	PCT Article 33(2) on hoi	ng obvious over Lazaris et al. (Scie	nce, 2002).
Lazaris et al. teach a method of forming a nanostructures in solution, and fiberizing: 175) Lazaris et al. do not expressly teach e.g., do to would have been obvious to one of ording by varying the type of spinning used. One he spinning parameters, fibers with a rang therefore the invention as a whole is clear claims 9-64 lack an inventive step under Flaynie teches a method of forming a film ander to make a peptide film. It would have been obvious to one of ording to working conditions within such method of unctionalizing amino acid chains, and so a dijustments are deemed merely a matter of trisan. Therefore the invention as a whole claims 1-64 meet the criteria set out in PC e made or used in industry.	ry spinning. ary skill in the art at the of skill in the art at the of skill in the art would he of specifications can be by prima facie obvious or CT Article 33(3) as being of peptide nanostructures a been obvious to one of a solvent crystallization. On a solvent is well known ary skill in the art at the table out of the control of	ing at least one fiber of said peritiding the fiber of said peritiding the fiber of said peritiding of said the fiber of said in the art at the time the of skill in the art at the time the fiber of skill in the art would have been in the art. inthe art incention was made to adjunct the fiber of skill in the said would have been in the art. inthe art incention was made to adjunct the invention was ma	providing peptide e namostructures. (e.g., pages 47 dify the method of Lezaris et al. azaris et al. azaris et al. teach that by varyings 32-44). 1699950 AI). 1699950 AI
Lazaris et al. do not expressly teach e.g., dit would have been obvious to one of ordingly varying the type of spinning used. One he spinning parameters, fibers with a rang therefore the invention as a whole is clear laynie teches a method of forming a film order to make a peptide film. It would have he method of Haynie by utilizing organic tepositing/crystallization from incubation to would have been obvious to one of ording vorking conditions within such method of flunctionalizing amino acid chains, and so indicate the second terms of the second terms are deemed merely a matter of the second terms. Therefore the invention as a whole claims 1-64 meet the criteria set out in PC.	ry spinning. ary skill in the art at the of skill in the art at the of skill in the art would he of specifications can be by prima facie obvious or CT Article 33(3) as being of peptide nanostructures a been obvious to one of a solvent crystallization. On a solvent is well known ary skill in the art at the table out of the control of	ing at least one fiber of said peritiding the fiber of said peritiding the fiber of said peritiding of said the fiber of said in the art at the time the of skill in the art at the time the fiber of skill in the art would have been in the art. inthe art incention was made to adjunct the fiber of skill in the said would have been in the art. inthe art incention was made to adjunct the invention was ma	g providing peptide e nanostructures. (e.g., pages 47 dify fine method of Lazaris et al. azaris et al. teach that by varyings 32-44). 1699950 A.I., acubating an organic solution in the invention was made to modify a motivated to do so since ast particular conventional ating units, substituting and y Haynie. These types of him the purview of the skilled

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International application No.
PCT/IL05/00589

Box No. I Basis of this opinion
1. With regard to the language, this opinion has been established on the basis of: the international application in the language in which it was filed a translation of the international application into, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).
2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
a. type of material a sequence listing table(s) related to the sequence listing
b. format of material on paper in electronic form
c. time of filing/furnishing contained in the international application as filed. filed together with the international application in electronic form. furnished subsequently to this Authority for the purposes of search.
3. In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additional comments:
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Form PCT/ISA/237(Box No. 1) (April 2005)